

A. CLASSIFICATION OF SUBJECT MATTER
IPC 7 C25B11.04 C23C18/02 C01G19/04

According to International Patent Classification (IPC) or to both national classification and IPC

B. FIELDS SEARCHED

Minimum documentation searched (classification system followed by classification symbols) $IPC\ 7\ C25B\ C23C\ C01G$

Documentation searched other than minimum documentation to the extent that such documents are included in the fields searched

Electronic data base consulted during the international search (name of data base and, where practical, search terms used)

EPO-Internal, INSPEC

| Category ° | Citation of document, with indication, where appropriate, of the relevant passages | Relevant to claim No. |
|------------|---------------------------------------------------------------------------------------------------|-----------------------|
| х | SU 541 849 A (DOBROKHOTOVA T F) 5 January 1977 (1977-01-05) abstract | 1,15,17 |
| X | EP 0 479 423 A (ICI PLC) 8 April 1992 (1992-04-08) claims 1-17 | 9–14 |
| X | US 5 868 913 A (HODGSON DAVID RONALD) 9 February 1999 (1999-02-09) claims 1-9 | 9–14 |
| X | US 4 941 953 A (MATSUMOTO YUKIEI ET AL) 17 July 1990 (1990-07-17) claims 1-13; example 3; table 3 | 9-14 |
| | -/ | |

| Further documents are listed in the continuation of box C. | Patent family members are listed in annex. |
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| Special categories of cited documents: A* document defining the general state of the art which is not considered to be of particular relevance E* earlier document but published on or after the International filing date L* document which may throw doubts on priority claim(s) or which is cited to establish the publication date of another citation or other special reason (as specified) O* document referring to an oral disclosure, use, exhibition or other means P* document published prior to the international filing date but later than the priority date claimed | "T" later document published after the International filing date or priority date and not in conflict with the application but cited to understand the principle or theory underlying the invention "X" document of particular relevance; the claimed invention cannot be considered novel or cannot be considered to involve an inventive step when the document is taken alone "Y" document of particular relevance; the claimed invention cannot be considered to involve an inventive step when the document is combined with one or more other such documents, such combination being obvious to a person skilled in the art. "&" document member of the same patent family |
| Date of the actual completion of the international search 26 October 2004 | Date of mailing of the international search report 09/11/2004 |
| Name and mailing address of the ISA European Patent Office, P.B. 5818 Patentlaan 2 NL – 2280 HV Rijswijk Tel. (+31-70) 340-2040, Tx. 31 651 epo nl, Fax: (+31-70) 340-3016 | Authorized officer Teppo, K-M |

International Application No
P/EP2004/008397

| | | THEP2004/008397 |
|-------------|-------------------------------------------------------------------------------------------------------------------------|-----------------------|
| C.(Continua | tion) DOCUMENTS CONSIDERED TO BE RELEVANT | |
| Category ° | Citation of document, with indication, where appropriate, of the relevant passages | Relevant to claim No. |
| Х | US 5 314 534 A (GIERSBERG JOACHIM ET AL) 24 May 1994 (1994-05-24) column 3, line 65 - line 68; claims 1-6 | 1 |
| A | US 4 873 352 A (KOBASHI TOSHIYUKI ET AL) 10 October 1989 (1989-10-10) column 2, line 4 - line 10; claims 1-4; example 3 | 1-21 |
| A | EP 0 302 738 A (JAPAN EXLAN CO LTD) 8 February 1989 (1989-02-08) claims 1-10; table 5 | 1-21 |
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International Application No EP2004/008397

| | | | 1 0 1/Er2004/00839/ | | LI 2004/ 00039/ |
|----------------------------------------|---|---------------------|----------------------------------------------------------------|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|----------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Patent document cited in search report | | Publication date | | Patent family member(s) | Publication date |
| SU 541849 | Α | 05-01-1977 | SU | 541849 A1 | 05-01-1977 |
| EP 0479423 | Α | 08-04-1992 | CA DE DE EP JP US | 2050458 A1 69115213 D1 69115213 T2 0479423 A1 5148676 A 5334293 A | 01-03-1992 18-01-1996 09-05-1996 08-04-1992 15-06-1993 02-08-1994 |
| US 5868913 | A | 09-02-1999 | AU AU CA CN CN EP FI WO JP NO PL US ZA | 689123 B2 7272194 A 2166965 A1 1134731 A 1275638 A 0724656 A1 960635 A 9505499 A1 9501468 T 960552 A 312958 A1 6123816 A 9405720 A | 26-03-1998 14-03-1995 23-02-1995 |
| US 4941953 | A | 17-07-1990 | JP JP AU CN DE FR GB IT KR SE SG | 1767891 C 4043985 B 62274087 A 576450 B2 7330487 A 87103801 A 3715444 A1 2599050 A1 2192008 A 1205959 B 9007536 B1 466352 B 8702123 A 94390 G | 26-11-1987 27-11-1987 |
| US 5314534 | A | 24-05-1994 | DE DE EP ES | 4124136 A1 59202129 D1 0524481 A1 2072662 T3 | 21-01-1993 14-06-1995 27-01-1993 16-07-1995 |
| US 4873352 | A | 10-10-1989 | JP JP JP JP JP JP JP EP KR | 1930205 C 5046645 B 62184713 A 1910904 C 5046646 B 62184714 A 1892899 C 6017229 B 62187113 A 3765556 D1 0235968 A1 9000082 B1 | 12-05-1995 14-07-1993 13-08-1987 09-03-1995 14-07-1993 13-08-1987 26-12-1994 09-03-1994 15-08-1987 22-11-1990 09-09-1987 19-01-1990 |
| EP 0302738 | Α | 08-02-1989 | DE DE | 3850316 D1 3850316 T2 | 28-07-1994 19-01-1995 |

International Application No
For /EP2004/008397

| | Patent document cited in search report | Publication date | | Patent family member(s) | Publication date |
|-----|----------------------------------------|------------------|----------------------------|------------------------------------------------------------------|--------------------------------------------------------------------|
| | EP 0302738 A | | EP JP JP KR US | 0302738 A2 1156988 A 2701342 B2 9003954 B1 4924017 A | 08-02-1989 20-06-1989 21-01-1998 05-06-1990 08-05-1990 |
| - 1 | | | | | |